1. To what does a relative path refer?

**Ans** : relative path refers to location with respect to current working directory.

2. What does an absolute path start with your operating system?

**Ans** : An absolute path of my os starts with 'C:\\Users\\khade'

3. What do the functions os.getcwd() and os.chdir() do?

**Ans** : the functions os.getcwd() tells us the current working directory whereas os.chdir() is used to change current working directory to a specified path.

4. What are the . and .. folders?

**Ans : .** is the current directory whereas .. is its parent directory.

5. In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name?

**Ans** : C:\bacon\eggs is directory name and spam.txt is the base name.

6. What are the three “mode” arguments that can be passed to the open() function?

**Ans :** The modes are as follows :

“r” : read only mode “w” : write only mode “r+” : read & write mode. “a” : append mode.

7. What happens if an existing file is opened in write mode?

**Ans :** If an existing file is opened in write mode, its treated as blank & new contents can be added to it. Its previous content is discarded.

8. How do you tell the difference between read() and readlines()?

**Ans :** read() reads whole file as an individual string whereas readlines() reads file line by line & returns a list of lines.

9. What data structure does a shelf value resemble?

**Ans** : shelf values stores data in form of key value pair so it resembles to a dictionary type data structure.